

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/039483 A3**

(51) International Patent Classification<sup>7</sup>: **A61K 35/78**

(21) International Application Number:  
PCT/US2004/016043

(22) International Filing Date: 21 May 2004 (21.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/472,460 22 May 2003 (22.05.2003) US  
10/464,834 18 June 2003 (18.06.2003) US  
10/464,410 18 June 2003 (18.06.2003) US  
10/689,856 20 October 2003 (20.10.2003) US  
10/774,048 4 February 2004 (04.02.2004) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
29 September 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY

(57) Abstract: The invention provides hops (*Humulus lupulus*) extracts or derivatives thereof for use in treating a patient prophylactically and/or therapeutically for ulcerogenic-type disorders of the stomach and/or intestines. The ulcerogenic disorders can be of the type chemically induced, environmentally-induced, infection-induced, and/or stress-induced. The invention also provides a pharmaceutical composition comprising an active amount of hops extracts or derivatives thereof, in combination with an analgesic compound and/or an anti-inflammatory compound. The invention further provides for use of hops extracts or derivatives thereof, significantly reducing and/or therapeutically treating ulcerogenic-type disorders of the stomach and/or intestines.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/16043

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 35/78

US CL : 424/725

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/725

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WEST, STN

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 5,968,539 A (BEERSE et al.) 19 October 1999(19.10.1999), see column 7.          | 1-36                  |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Date of the actual completion of the international search

15 June 2005 (15.06.2005)

Date of mailing of the international search report

27 JUL 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

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